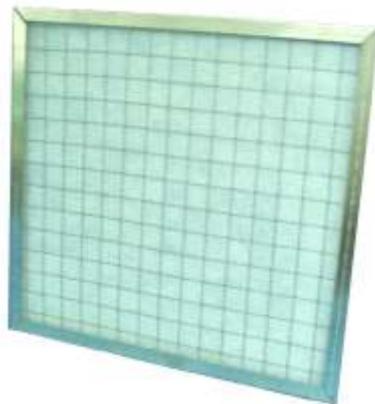


# Aluminium-framed flat panel filters

- Ideal for applications where low cost & low pressure drop is required
- 20 & 24 mm frame depth
- Washable
- Classification G1-G4



## Construction:

Filters are manufactured from either 20 mm or 24mm aluminum frame with galvanized wire mesh on both sides to provide media support.

## Filter media types:

Filters are supplied standard with medium grade washable media type BR16. Other filter media are available to suit each application.

## Application:

Generally used in small air conditioning and ventilation systems requiring low cost, low resistance filters. Filters are

usually fitted into slides in ducts or behind return air grilles. Medium is not replaceable. (For replaceable media type, see Gate type RM panel.)

## Dimensions:

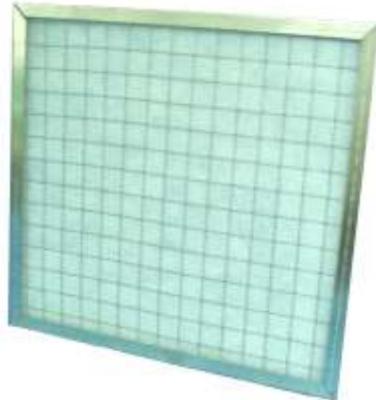
Filters are available with a frame depth of either 20 or 24 mm, special depths are available on request.

Filters can be manufactured to any dimension up to 1200 x 1200 mm, although, it is suggested sizes are kept below 900 mm x 800 mm for rigidity. Frame support braces are fitted to larger sizes.

# Aluminium-framed flat panel filters

## Maintenance:

The filter panel is readily removed from the filter holding frame or slide. If the filter media is washable, the filter can then be cleaned by rinsing the filter with cold water from a medium pressure hose, back through the clean air side of the media. Allow the filter media to fully dry before re-installing. Washable filters can be washed up to 5 times before the media needs to be replaced, however filter performance will progressively deteriorate with each wash.



(Note: Local council water authorities may not permit discharge of run off from filter washing, to enter storm water drains.)

## Performance data:

| Part no. | Filter class | Media type    | Face velocity m/sec | Initial resistance Pa. | Average arrestance % |
|----------|--------------|---------------|---------------------|------------------------|----------------------|
| 7-1005   | G2           | BR18 washable | 1.8 - 2.5           | 45 - 80                | 74                   |
| 7-1004   | G3           | BR16 washable | 1.8 - 2.5           | 50 - 84                | 85                   |

